

# ABSTRACT

Video signals of a plurality of personal computers are displayed on the same screen. In addition, using one set of input devices, a plurality of personal computers are operated. Two personal computers are connected to a monitor. In addition, input devices such as a keyboard and a mouse are connected to the monitor. Video signals supplied from the two personal computers are written to a memory that stores video signals for a plurality of screens through respective buffers. From the read start address, the address range for one screen is designated and a corresponding video signal is read. A plurality of video signals are displayed in different display areas of a display portion at a time. In addition, corresponding to a display area at which a cursor is positioned using a switch operation and an input device operation, a corresponding personal computer is selected. An output of an input device is supplied to the selected personal computer. Screens of a plurality of personal computers can be displayed on one monitor. In addition, using one set of input devices, a plurality of personal computers can be controlled. With a data communication means disposed between two personal computers, data transfer can be controlled therebetween.